

Title (en)

A METHOD OF MACHINING USING NUMERICAL DATA

Publication

EP 0037720 A3 19820630 (EN)

Application

EP 81301455 A 19810403

Priority

JP 4344580 A 19800404

Abstract (en)

[origin: EP0037720A2] In a method of carrying out a cutting operation using numerical data obtained by tracing a model, a first stylus (S1) and a second stylus (S2) having, respectively, a smaller radius (r1) and a larger radius (r2) than the cutting tool are used to trace the model (M), thereby producing first and second numerical data (P1, P2). The required numerical data for controlling the cutting tool are obtained by applying a proportional allotment procedure to the first and second numerical data in accordance with the value of the actual radius (rc) of the cross-section of the cutting tool.

IPC 1-7

G05B 19/42

IPC 8 full level

B23Q 35/12 (2006.01); **G05B 19/18** (2006.01); **G05B 19/404** (2006.01); **G05B 19/42** (2006.01)

CPC (source: EP US)

G05B 19/4207 (2013.01 - EP US); **G05B 2219/50289** (2013.01 - EP US)

Citation (search report)

- US 3764786 A 19731009 - VAWTER V, et al
- GB 1010292 A 19651117 - RICHARDS & CO LTD GEORGE
- US 3685022 A 19720815 - RAYNES BURT F

Designated contracting state (EPC)

DE FR GB

DOCDB simple family (publication)

EP 0037720 A2 19811014; **EP 0037720 A3 19820630**; JP S56139860 A 19811031; JP S6327140 B2 19880601; US 4402051 A 19830830

DOCDB simple family (application)

EP 81301455 A 19810403; JP 4344580 A 19800404; US 25059781 A 19810403